



## AIARE 1 - DECISION MAKING IN AVALANCHE TERRAIN

Winter 2020-21

### PRE-COURSE LEARNING (5-7HRS)

To get the most out of this course, we recommend completing all pre-course learning before the course. There will be 1-2 hours allotted each morning of the course to review lessons that will be covered in the field that day, but it is not enough time to complete the entire lesson.

- Complete all lessons and quizzes on both AIARE websites:
  - [AIARE 1 Online](#) (4-5hrs)
  - [AIARE Avalanche Rescue Online](#) (1-2hrs)
- Download free [Zoom app](#) to computer or phone
- Download free [Avenza app](#) to phone
- Explore [Sawtooth Avalanche Center](#) website

### COURSE AGENDA (26HRS)

#### Day 1: Avalanche Problems, Terrain and Rescue (9hrs)

*1.5 hours self-paced morning lessons and prep with phone access to SMG team AIARE instructor.*

*6 hours field instruction and rescue practice with an instructor.*

*1.5 hours self-paced evening learning.*

- 0800-0930      Self-paced      Find local avalanche center on [Avalanche.org](#)  
Read [Sawtooth Avalanche Center](#) forecast for the area you are meeting your team  
Review these AIARE 1 Online lessons:
- [Introduction](#)
  - [The AIARE Framework](#)
  - [Teamwork](#)
  - [Avalanche Problems](#)
    - [Problems: New Snow](#)
    - [Problems: Warming](#)
    - [Problems: Old Snow](#)
    - [Check your Understanding: Avalanche Problems](#)
  - [Identifying Avalanche Terrain](#)
  - [Terrain Influence on Snowpack](#)
- Review all [AIARE Avalanche Rescue Online](#) lessons  
Assigned instructor available by phone, text or Zoom during this time

0930-1030		Travel to trailhead ( <a href="#">Galena Summit</a> , <a href="#">Banner</a> , <a href="#">Park Cr/Stanley Cr</a> , <a href="#">Baker Creek</a> )
1030-1600	Teams at TH	<p>Meet at assigned trailhead for full field day</p> <p>Introductions and goals</p> <p>Hand out materials - AIARE Manual, Field Notebook, Rescue Card, pencil</p> <p>Gear check : Review <a href="#">equipment list</a> - Due to extended hours outside consider including lots of layers, extra gloves, hand/toe warmers, extra snacks, thermos/warm beverage.</p> <p>Short tour - Identify Avalanche Problems and Terrain</p> <p>Rescue practice</p>
1600-1630	Back at cars	<p>Tour of Field Notebook</p> <p>Debrief</p> <p>Plan logistics for tomorrow - trailhead, specific equipment, etc.</p>
	Evening	<p>Review AIARE 1 Online lessons:</p> <ul style="list-style-type: none"> <li>● <a href="#">Prepare</a> <ul style="list-style-type: none"> <li>○ <a href="#">The Dynamic Mountain Snowpack</a> <ul style="list-style-type: none"> <li>■ <a href="#">How the Snowpack Changes</a></li> </ul> </li> <li>○ <a href="#">Track the Seasons Conditions</a> (See SAC blog link below)</li> <li>○ <a href="#">Investigate Trip Options</a></li> </ul> </li> <li>● <a href="#">Assemble your group</a> <ul style="list-style-type: none"> <li>○ <a href="#">Human Factors</a></li> </ul> </li> </ul> <p>Review season conditions on <a href="#">Sawtooth Avalanche Center Conditions Blog</a></p>

**Day 2: PLAN, RIDE, DEBRIEF with observations tour and travel protocols (9hrs)**

*1.5 hours self-paced morning lessons and prep with phone access to SMG team AIARE instructor.*

*6 hours field instruction and rescue practice with instructor.*

*1.5 hours self-paced evening homework.*

0800-0930	Self-paced	<p>Review AIARE 1 Online Lessons:</p> <ul style="list-style-type: none"> <li>● <a href="#">Plan</a> <ul style="list-style-type: none"> <li>○ <a href="#">Anticipate the Hazard</a> <ul style="list-style-type: none"> <li>■ <a href="#">Weather</a></li> <li>■ <a href="#">Avalanche Danger</a></li> </ul> </li> <li>○ <a href="#">Plan Where to Go</a> <ul style="list-style-type: none"> <li>■ <a href="#">Discuss Route Options</a></li> <li>■ <a href="#">Set Limits</a></li> <li>■ <a href="#">Detail a Plan</a></li> <li>■ <a href="#">Summary</a></li> </ul> </li> <li>○ <a href="#">Discuss Your Emergency Plan</a></li> <li>○ <a href="#">Plan: Summary</a></li> </ul> </li> <li>● <a href="#">Ride</a> <ul style="list-style-type: none"> <li>○ <a href="#">Departure Check</a></li> <li>○ <a href="#">Monitor Conditions</a></li> </ul> </li> </ul>
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- [Check in with the Group](#)
- [Recognize Avalanche Terrain](#)
- [Choose Terrain](#)
- [Ride: Summary](#)

- [Debrief](#)

Sawtooth Avalanche Center - How to Use the Forecast

Read [Sawtooth Avalanche Center](#) forecast for area you are meeting your team today

Assigned instructor available by phone or text during this time

0930-1030		Travel to trailhead ( <a href="#">Galena Summit</a> , <a href="#">Banner</a> )
1030-1600	Teams at TH	Instructor led Trip Plan Ride Safely checklist Observations tour Travel protocols
1600-1630	Cars	Debrief Hand out paper maps and run lists for tomorrow
	Evening	<a href="#">Submit observations</a> to Sawtooth Avalanche Center

**Day 3: Put it all together with student led tour (8hrs)**

*2 hour virtual morning meeting with all team members and instructor*

*5 hour student led tour*

*1 hour post course review*

0800-1000		Student led Trip Plan - Meet with team via agreed upon communication method (Zoom, Facetime, conference call, etc.) Students use all tools and resources to PLAN a full day tour with instructor supervision.
1000-1100		Travel to trailhead ( <a href="#">Galena Summit</a> , <a href="#">Banner</a> )
1100-1530	Field	Meet team at trailhead for student led tour - RIDE
1530-1600	Cars	DEBRIEF Course Close
	Post-Course	Review AIARE 1 Online Lesson <a href="#">Continue Your Avalanche Education</a> <a href="#">Submit observations</a> to Sawtooth Avalanche Center Standby for follow up email from course leader with <ul style="list-style-type: none"> <li>● AIARE Course Completion Certificate</li> <li>● Additional <a href="#">links and resources</a></li> <li>● SMG course survey</li> </ul>